

TROPTIONS · INSTITUTIONAL DOCUMENT SYSTEM

# USDC/USDT Vault Attestation Framework

Locked Treasury Structure with Third-Party Verification and Chainlink  
Monitoring

**For: Institutional counterparties, lenders, auditors, and escrow desks**

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## Executive Summary

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This framework defines a professional proof package for a USDC or USDT treasury that must remain non-spendable while counterparties verify balances and wallet control. It combines lock controls, signer governance, third-party attestations, and Chainlink-based monitoring to support capital-raising diligence.

## Who This Document Is For

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Treasury sponsors, family-office groups, lenders, legal counsel, compliance reviewers, and counterparties requiring verifiable on-chain evidence without granting spending rights.

## Required Information

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- Primary chain and token scope (USDC or USDT)
- Vault wallet address and network
- Signer policy (M-of-N) and key roles
- Lock period and release conditions
- Named verifier contacts and communication channel
- Attestation schedule (daily/weekly/monthly)

## Required Documents

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- & Treasury control resolution with authorized signers
- & Wallet ownership message-signature evidence
- & Lock policy memorandum (no spend, no borrow, no pledge)
- & Counterparty verification protocol
- & Chainlink feed mapping and threshold rules
- & Independent legal/compliance memo for disclosure language

## Step-by-Step Process

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### Step 1: Establish Vault Wallet

Create dedicated treasury wallets for USDC and USDT. Segregate from operational wallets and document deterministic naming, address inventory, and signer ownership.

### Step 2: Apply Non-Spend Controls

Enforce controls using multisig policy, timelock where supported, and operational policy that forbids outgoing transfer instructions without unanimous release approval under defined exception paths.

### Step 3: Publish Verification Packet

Issue a counterparty packet including wallet addresses, signed proof-of-control messages, snapshot timestamp, and precise verification instructions for explorers and RPC checks.

### Step 4: Wire Chainlink Monitoring

Attach Chainlink reference feeds (for USD parity checks and anomaly thresholds). Configure alerts when peg variance or monitored wallet balance drift exceeds policy thresholds.

### Step 5: Independent Validation

Allow the group to verify balances independently on-chain and validate message signatures. Optionally provide read-only dashboard/API endpoints for timestamped evidence exports.

### Step 6: Attestation Cycle

Run recurring attestations with signed reports: opening balance, locked status, movement log (should be none), and exceptions register. Archive each report hash for audit.

## Approval Gates

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- & Treasury governance sign-off for lock policy
- & Legal approval of no-guarantee disclosure language
- & Compliance review of source-of-funds documentation
- & Verifier acceptance of checking procedure
- & Signer quorum readiness test completed

## Readiness Checklist

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- & Dedicated vault addresses created
- & Multisig signer matrix documented
- & No-spend policy signed
- & Verification packet published
- & Chainlink thresholds configured
- & Attestation cadence approved

## What Stays Blocked

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- No discretionary outgoing transfers
- No collateralization, lending, or rehypothecation
- No release on verbal instruction or informal approval

## Common Blockers

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- Signer ownership gaps or unresolved key custody
- Inconsistent wallet labeling across documents
- Missing source-of-funds package
- No independent reviewer assigned
- Monitoring policy not approved by governance

## TROPTIONS System Handling

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TROPTIONS should treat this as a proof-of-funds and control-attestation workflow: evidence collection, signer-policy recording, verifier distribution logs, and immutable report history. Treasury assets remain lock-designated until formal release conditions are met.

## Final Checklist Before Submission

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- & Wallet control proofs signed and verified
- & Lock policy accepted by all signers
- & Verifier packet delivered
- & Chainlink monitor tested
- & Attestation report exported to PDF
- & Disclosure and compliance language confirmed

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